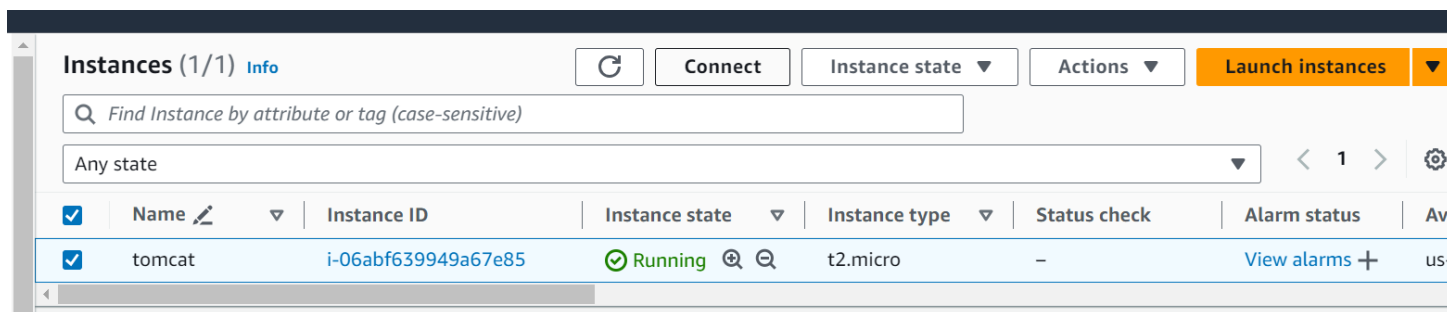
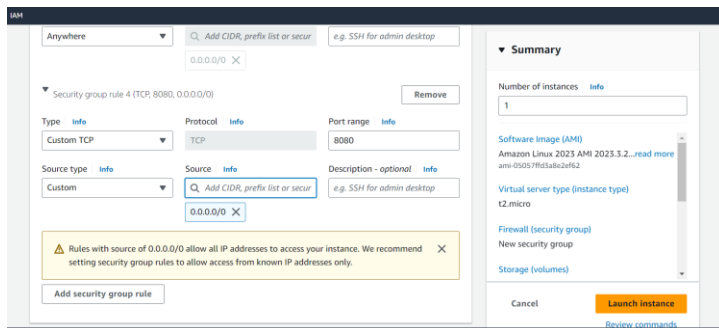
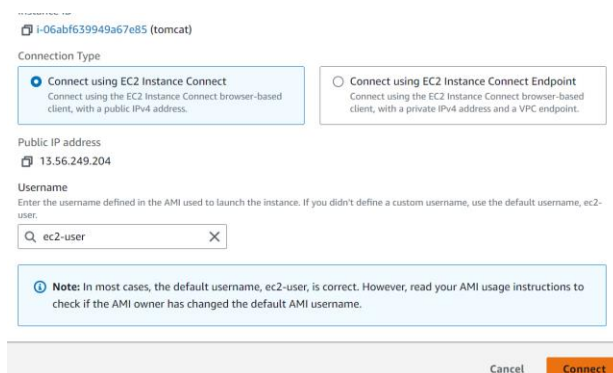


HOST THE WEBSITE USING APACHE TOMCAT.

Step I : In EC2, Create the Instances add the custom TCP with port 8080 in security rule. And launch the Instance.

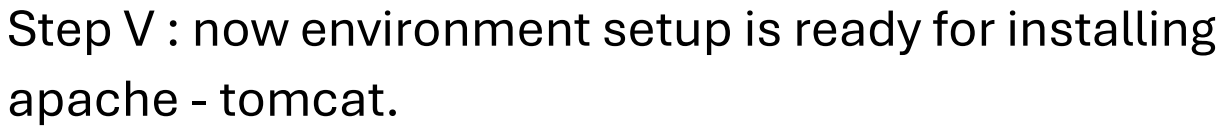


Step II : Then connect the instance .



Step III : to install apache tomcat we need java environment.

Step IV : so, install java using “yum install java -y”.



The screenshot shows the Apache Tomcat 9.0.86 download page. A right-click context menu is open over the '9.0.86' version link. The menu options are: 'Open link in new tab', 'Open link in new window', 'Open link in incognito window', 'Save link as...', and 'Copy link address'. The page content includes a 'Release Integrity' section with instructions on verifying downloads using OpenPGP signatures, a 'Mirrors' section with a list of mirrors, and a 'Binary Distribution' section with a list of download links for various operating systems and architectures.

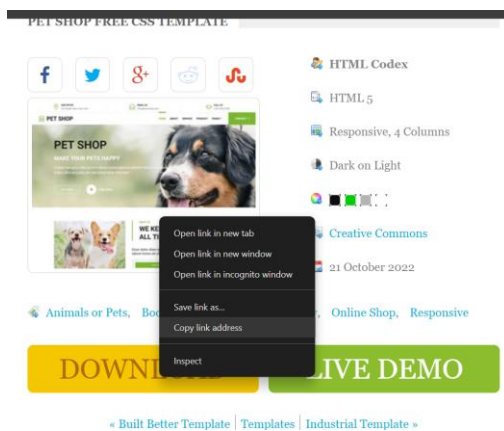
```
Complete!
[root@ip-172-31-29-148 ec2-user]# curl -O https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.86/bin/a
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 11.7M  100 11.7M    0     0  6381k      0  0:00:01  0:00:01 --:--:-- 6379k
[root@ip-172-31-29-148 ec2-user]# ls
apache-tomcat-9.0.86.zip
[root@ip-172-31-29-148 ec2-user]# unzip apache-tomcat-9.0.86.zip
Archive:  apache-tomcat-9.0.86.zip
  creating: apache-tomcat-9.0.86/
    creating: apache-tomcat-9.0.86/bin/
```

Step VII : check it using “ls” then unzip it using unzip “filename.zip”.

Step VIII : After unzipped the file check folders inside it.

```
inflating: apache-tomcat-9.0.86/webapps/manager/index.jsp
inflating: apache-tomcat-9.0.86/webapps/manager/status.xsd
inflating: apache-tomcat-9.0.86/webapps/manager/xform.xml
[root@ip-172-31-29-148 ec2-user]# ls
apache-tomcat-9.0.86  apache-tomcat-9.0.86.zip
[root@ip-172-31-29-148 ec2-user]# ls /home/ec2-user/apache-tomcat-9.0.86
BUILDING.txt  CONTRIBUTING.md  LICENSE  NOTICE  README.md  RELEASE-NOTES  RUNNING.txt
```

Step IX : go to browser,copy the link address to download the template . using curl -O “template_link_address”.



```
[root@ip-172-31-29-148 ec2-user]# curl -O https://www.free-css.com/assets/files/free-css-templates/download/page284/pet-shop.
% Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
           Dload  Upload   Total   Spent    Left   Speed
100 1036k  100 1036k    0     0  173k      0  0:00:05  0:00:05 --:--:-- 249k
[root@ip-172-31-29-148 ec2-user]# ls
apache-tomcat-9.0.86  apache-tomcat-9.0.86.zip  pet-shop.zip
[root@ip-172-31-29-148 ec2-user]# unzip pet-shop.zip
Archive:  pet-shop.zip
  inflating: pet-shop-website-template/about.html
  inflating: pet-shop-website-template/blog.html
```

Step X : check it using “ls”,then unzip it using “unzip filename.zip”.

Step XI : move unzip directory in webapp folder inside apache-tomcat.

```
[root@ip-172-31-29-148 ec2-user]# ls /home/ec2-user/apache-tomcat-9.0.86
ROOT  docs  examples  host-manager  manager  pet-shop-website-template
```

Step XII : give rwx permission to catalina.sh file in bin directory of apache-tomcat.

```
[root@ip-172-31-29-148 ec2-user]# chmod 777 apache-tomcat-9.0.86/bin/catalina.sh
[root@ip-172-31-29-148 ec2-user]# apache-tomcat-9.0.86/bin/catalina.sh start
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-9.0.86
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-9.0.86
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-9.0.86/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /home/ec2-user/apache-tomcat-9.0.86/bin/bootstrap.jar:/home/ec2-user/apache-tomcat-9.0.86/bin/commons-logging.jar
Tomcat started.
```

Step XIII : then Start it.here, tomcat is started.

Step XIV : then go to instance, copy the link address and paste it in another browser attach port name and file name.hit the enter button.

Step XV : here, we see the website .

